

WHAT IS CLAIMED IS

1. A device providing an electrical connection between a recoiling mass of a weapon and a fixed cradle, wherein it incorporates at least one connector formed of a plug and a
5 socket, one of said plug or socket is integral with said cradle and the other one with said recoiling mass, said socket and plug being disconnected during the recoil of said recoiling mass.

2. A device according to Claim 1, wherein said plug or
10 said socket integral with said cradle is also integral with motor means allowing said plug or said socket integral with said cradle to be displaced so as to ensure it disconnects when said recoiling mass is in the starting position before firing.

15 3. A device according to Claim 2, wherein said plug incorporates pins integral with a support made of a flexible insulating material.

4. A device according to Claim 3, wherein said socket incorporates at least two cylindrical contact terminals whose
20 inner diameter is slightly less than that of the contact pins of the plug, each said terminal incorporating a longitudinal slot allowing it to be deformed radially when said pin is introduced in said terminals.

5. A device according to Claim 4, wherein said plug
25 incorporates at least two contact pins whose free length out of said plug is greater than or equal to that of said terminals.

6. A device according to Claim 5, wherein said plug is integral with said cradle and said socket is integral with
30 said recoiling mass.